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CURRENT SERIAL RECORDS

BIG GAME INVENTORY FOR 1962

Compiled in the Bird and Mammal Laboratories
Branch of Wildlife Research

Approximately 15 million hunters took off after game in the United States in 1962. Figures on license sales do not accurately reflect the total number of hunters, since the States differ in their licensing requirements. However, 49 States reported a total of 13,996,353 hunters who purchased one or more licenses during 1962. In all 50 States, 18,175,396 licenses, tags, stamps, and permits were issued, at a total cost of \$63,983,798, which was \$78,984 less than in 1961.

The total kill of all species in 1962 was 952 above that of 1961. Of the principal game species, the take of bears (black, brown and grizzly), pronghorn antelope, deer (white-tailed, black-tailed and mule), bighorn sheep, and mountain goat was higher in 1962; the take of moose and elk was lower; the take of wild turkey dropped by 13 percent.

Again, we are indebted to the game departments of the various States, and to officials of the National Park Service and the Branch of Wildlife Refuges, for providing data included in the present summary. Trends, rather than precise population figures, are again indicated in many cases. Several respondents point out that refined techniques, and additional field personnel, have led to a reanalysis of available data and a revision of previous population estimates which do not necessarily signify a population change.



UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
BUREAU OF SPORT FISHERIES AND WILDLIFE



PART 1.--Species Reported by Western and Eastern States, 1962

STATE	MOOSE		ELK		WHITE-TAILED DEER		BLACK BEAR		WILD TURKEY	
	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.
Alaska *.....	9,000 ABC	.....	120 BC	..... M	.....	.....	1,200 C	..... S	.....	.....
Arizona.....	.....	.....	870 F	5,900 M	5,947 F	33,730 S	48 F	1,600 S	1,363 F	29,600 S
California.....	.....	.....	59 D	2,600 S	.....	.....	594 D	..... L	NOS	2,500 M
Colorado.....	.....	.....	10,353 AD	..... M	3 AD	..... S	478 AD	..... S	485 D	..... M
Hawaii *.....	.....	.....	.....	.....	.....	.....	.....	.....	NOS	650 M
Idaho.....	45 D	..... S	13,700 DF	..... S	10,000 DF	..... S	3,900 F	..... S	NOS	100 M
Kansas.....	.....	.....	NOS	.....	NOS	12,000 M	.....	.....	NOS	360 L
Montana.....	610 F	.....	12,200 F	.....	21,700 F	.....	1,300 F	.....	370 F	.....
Nebraska.....	.....	.....	.....	.....	3,862 A	33,058 M	.....	.....	281 A	3,000 M
Nevada.....	.....	.....	4 D	260 S	.....	.....	NOS	25 S	NOS	100 M
New Mexico.....	.....	.....	1,071	12,000 M	2,000	18,000 S	278	3,000 S	1,151	25,000+S
North Dakota.....	.....	.....	NOS	15 S	21,450	60,000 L	.....	.....	200 F	1,200 M
Oklahoma.....	.....	.....	42	75 L	3,690	25,000 S	.....	.....	1,001	25,000 M
Oregon.....	.....	.....	10,176 DF	..... S	200 CF	..... M	2,000 C	..... S	.....	.....
South Dakota.....	.....	.....	.....	250 M	15,000 D	69,000 L	.....	.....	400 F	4,500 S
Texas.....	.....	.....	11 E	300 S	195,000 BCEF	2,000,000 S	NOS	20 S	4,500 BCE	..... L
Utah.....	7 CD	100 S	1,173 CD	5,000 S	.....	.....	.....	200 S	NOS	.....
Washington.....	.....	.....	7,900 F	43,000 S	5,850 F	60,000 S	8,700 F	25,000 S	NOS	225 M
Wyoming.....	839 BF	..... S	6,541 BF	..... S	..... H	..... M	267 B	..... S	945 BF	..... M
Alabama.....	.....	.....	.....	.....	14,032 C	..... L	NOS	266 M	3,524 C	..... M
Arkansas.....	.....	.....	.....	.....	27,772 A	275,000 M	NOS	100 S	711 A	12,500 M
Connecticut.....	.....	.....	.....	.....	499 D	7,000 M	.....	.....	NOS	.....
Delaware.....	.....	.....	.....	.....	720 A	3,000 S	.....	.....	.....	.....
Florida.....	.....	.....	.....	.....	14,000 C	110,000 M	70 C	800 S	20,000 C	75,000 S
Georgia.....	.....	.....	.....	.....	15,000 ABC	90,000 S	25 BC	500 S	3,500 ABC	30,000 S
Illinois.....	.....	.....	.....	.....	6,457 AD	..... M	.....	.....	NOS	450 M
Indiana.....	.....	.....	.....	.....	3,100 AD	44,000 M	.....	.....	NOS	200 M
Iowa.....	.....	.....	.....	.....	5,703 ACD	19,565 M	.....	.....	.....	.....
Kentucky.....	.....	.....	.....	.....	2,626 AD	57,000 S	.....	.....	12 A	1,750 M
Louisiana.....	.....	.....	.....	.....	14,000 D	..... M	1	..... S	150 ACD	..... S
Maine.....	NOS	3,000 S	.....	.....	38,807 A	180,000 S	1,500	7,000 S	NOS	.....
Maryland.....	.....	.....	.....	.....	6,076 A	40,000 M	.....	.....	600 BC	1,200 M
Massachusetts.....	.....	.....	.....	.....	2,538 AD	10,000+L	2 D	.....	NOS	86
Michigan.....	NOS	40 S	NOS	2,500 M	95,900 F	650,000	1,190 F	7,500 L	NOS	2,300 M
Minnesota.....	NOS	6,000 S	NOS	17 S	98,700 DF	400,000 S	600 CD	..... S	.....	.....
Mississippi.....	.....	.....	.....	.....	14,382 ABCD	150,000+M	NOS	30+	1,543 ABC	38,000 M
Missouri.....	.....	.....	.....	.....	16,700 AD	310,000 M	NOS	25 S	182 AD	6,000 M
New Hampshire.....	NOS 8 BC	80+M	NOS 1 BC	6+S	8,470 DG	35,000+S	187 D	800+S	.....	.....
New Jersey.....	.....	.....	.....	.....	.....	30,455	.....	22	NOS	25 L
New York.....	.....	.....	.....	.....	62,782 AD	375,000 S	571 AD	4,000 S	300 AB	4,800 M
North Carolina.....	.....	.....	.....	.....	24,000	240,000 M	1,000	10,000 S	2,000	10,000 S
Ohio.....	.....	.....	.....	.....	2,300+A	..... M	.....	.....	NOS	1,000 M
Pennsylvania.....	.....	.....	NOS	75 S	72,913 D	388,000 M	554 D	1,300 M	15,775 C	45,000 S
Rhode Island.....	.....	.....	.....	.....	17 D	1,500 S	.....	.....	.....	.....
South Carolina.....	.....	.....	.....	.....	12,000 AB	70,000 S	2 C	20 S	2,500 AC	25,000 S
Tennessee.....	.....	.....	.....	.....	2,546 AD	38,000 M	7 AD	250 S	133 AD	5,000 L
Vermont.....	.....	.....	.....	.....	16,175 D	175,000 S	305 D	3,500 M	.....	.....
Virginia.....	.....	.....	NOS	100 S	38,823 A	200,000 S	339 A	1,000 S	3,069 A	15,000 S
West Virginia.....	.....	.....	.....	.....	5,778 AD	80,000 S	82 AD	500 S	648 A	10,000 S
Wisconsin.....	NOS 1	..... S	.....	.....	47,448 A	500,000 S	617 A	5,000 S	NOS	300+S
Total.....	10,510	X	64,221	X	954,766	X	25,817	X	65,343	X

Determination of kill:

NOS - no open season

Methods used by game wardens and technicians -

Population trend from 1961 to 1962:

A - checking stations

L - less

B - interviews

M - more

C - general field observations

S - same

State central office methods -

D - license stubs or card returns

E - ranchers' coupons

+ Minimum estimate

F - questionnaire to license holders

X No total population estimate listed, because of the failure of some States to report any figure.

PART 2.--Species Reported by Western States Only, 1962

STATE	GRIZZLY BEAR		MULE DEER		BLACK-TAILED DEER		PRONGHORN ANTELOPE		MOUNTAIN CARIBOU	
	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.
Alaska *.....	460 B	.. S	.....	.....	12,000 B	250,000 M	.....	.....	..	..
Arizona.....	..	..	23,161 F	203,450 S	.....	.....	612 E	9,420 S	..	..
California.....	..	..	20,501 D	..... L	39,438 D	..... L	NOS	2,375 M	..	..
Colorado.....	..	..	142,798 AD	..... S	.....	.....	2,903 D	..... M	..	..
Hawaii *.....	..	..	.....	.....	.....	.....	NOS	61 M	..	..
Idaho.....	NOS	.. S	56,600 DF	..... S	.....	.....	549 AD	..... S	NOS	100 S
Kansas.....	..	..	NOS	1,900 M	.....	.....	NOS	72 L	..	..
Minnesota.....	..	..	3 BC	..... S	.....	.....	.....	.....	..	..
Montana.....	40 F	..	103,300 F	.....	.....	.....	23,000 F	.....	..	..
Nebraska.....	..	..	5,686 A	44,584 M	.....	.....	967 A	4,000 S	..	..
Nevada.....	..	..	25,446 D	225,000 L	.....	.....	152 D	3,000 L	..	..
New Mexico.....	..	..	35,000	275,000+S	.....	.....	1,606	22,000 L	..	..
North Dakota.....	..	..	6,000	18,000 L	.....	.....	2,960 D	8,400 M	..	..
Oklahoma.....	..	..	40	300 S	.....	.....	.....	.....	..	..
Oregon.....	..	..	76,776 F	..... L	62,936 F	..... S	277 D	..... S	..	..
South Dakota.....	..	..	7,500 D	20,000 L	.....	.....	6,500 D	28,000 M	..	..
Texas.....	..	..	5,500 BCE	82,000 M	.....	.....	1,970 E	12,000 S	..	..
Utah.....	..	..	130,556 CDF	325,000 S	.....	.....	74 CD	1,500 S	..	..
Washington.....	..	10 S	22,315 F	175,000 S	40,435 F	250,000 S	NOS	125 S	NOS	15 S
Wyoming.....	5 B	.. S	88,712 FH	..... M	.....	.....	37,444 F	..... M	..	..
Total.....	505	X	749,894	X	154,809	X	79,014	X	..	X

STATE	PECCARY (JAVELINA)		BIGHORN SHEEP		MOUNTAIN GOAT		AMERICAN BISON		*Additional species:	
	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.	Kill	Pop.est.
Alaska *.....	.....	.....	..	.....	600	.....	..	450 S	Alaska	
Arizona.....	4,343 F	20,300 S	27 F	2,575 S	.....	.....	..	..	Polar bear....	196 ABC S
California.....	.....	.....	NOS	2,000 S	.....	.....	..	..	Dall sheep....	665 D 35,000 S
Colorado.....	.....	.....	61 BD	..... S	.....	.....	..	..	Barren ground	
Idaho.....	.....	.....	58 D	..... S	144 D	..... S	NOS	.. L	caribou.....	20,000 AC M
Montana.....	.....	.....	80 F	.....	480 F	.....	..	..	(Brown bear included with Grizzly bear.)	
Nevada.....	.....	.....	33 D	2,500 S	.....	.....	..	..	Hawaii	
New Mexico.....	33	3,000 M	..	500 L	.....	.....	..	..	Axis deer.....	700 ABCD 4,000 S
North Dakota.....	.....	.....	NOS	12 M	.....	.....	..	..	Hawaiian wild	
South Dakota.....	.....	.....	..	20 M	NOS	200 S	NOS	200 S	boar.....	10,000 90,000 S
Texas.....	1,300 BC	125,000 S	NOS	16 M	.....	.....	20 E	200 M	Feral goat....	5,000 ABCD 20,000 S
Utah.....	.....	.....	NOS	150 S	.....	.....	20 A	50 S	Feral sheep...	3,500 ABCD 5,000 S
Washington.....	.....	.....	NOS	..... M	276 F	6,500 M	..	..	Feral cattle..	20 BC 100 L
Wyoming.....	.....	.....	107 BF	..... M	.....	..... S	..	..	Mouflon sheep	NOS 60 M
Total.....	5,676	X	366	X	1,500	X	40	X		

PART 3.--Foreign Species, 1962

STATE	EUROPEAN WILD BOAR		BARBARY SHEEP	
	Kill	Pop.est.	Kill	Pop.est.
California.....	100 C	.. S	..	.....
New Hampshire...	6 BC	12 S	..	.....
New Mexico.....	..	..	46	2,000 L
North Carolina..	30	300 S	..	.....
Tennessee.....	9 AD	500 L	..	.....
Texas.....	..	..	..	225 M
Wyoming.....	..	..	..	6
Total.....	145	X	46	X

G. New Hampshire: Kill of white-tailed deer includes 529 by accident, but does not include an estimate of 671 not reported.

H. Wyoming: Kill of white-tailed deer included with that of mule deer.

PART 4.--Estimates of Numbers in Areas Administered by the National Park Service, 1962

AREA	MOOSE	ELK	WHITE-TAILED DEER	MULE DEER	BLACK BEAR	GRIZZLY BEAR	PRONGHORN ANTELOPE	BIGHORN SHEEP	MOUNTAIN GOAT	AMERICAN BISON	PECCARY
National Parks											
Acadia.....	..	..	800 L	..	..	..	..	..	..	..	..
Big Bend.....	..	..	500 S	3,000 M	..	..	30 M	..	..	..	3,500 S
Bryce Canyon.....	..	.. I	..	.. A	.. I	..	..	..	..	..	..
Carlsbad Caverns...	..	7 S	..	350 S	..	..	.. I	..	..	..	..
Crater Lake.....	..	15 S	.. I	700 L	15 L	..	..	..	..	..	..
Everglades.....	..	..	.. C	..	.. R	..	..	..	..	..	..
Glacier.....	90 L	2,200 L	330 L	450 L	200 L	95 L	..	130 L	325 L	..	..
Grand Canyon.....	..	..	..	3,285 L	.. I	..	.. I	150 S	..	..	..
Grand Teton.....	275 S	900 M	..	175 S	200 M	.. R	..	50 S	..	15 L	..
Great Smoky Mtns..	..	..	225 M	..	140 S	..	..	..	..	..	..
Isle Royale.....	600 S	..	..	..	..	..	..	..	..	..	..
Lassen Volcanic...	..	..	..	700 S	30 S	..	..	..	..	..	..
Mammoth Cave.....	..	..	2,600 S	..	..	..	..	..	..	..	..
Mesa Verde.....	..	..	..	370 L	4 S	..	..	85 M	..	..	..
Mt. McKinley.....	300 M	..	..	..	25 S	200 S	..	3,500 M	.. I	..	..
Mt. Rainier.....	..	200 M	..	410 M	75 S	..	..	..	350 S	..	..
Olympic.....	..	.. A	..	.. C	.. C	..	..	..	.. C	..	..
Petrified Forest..	..	..	..	..	..	..	.. C	..	..	..	..
Platt.....	..	..	.. R	..	..	..	..	..	..	9 M	..
Rocky Mountain...	..	1,000 M	..	600 M	30 M	..	..	225 S	..	..	..
Sequoia-Kings.....	..	..	..	.. C	.. C	..	..	.. R	..	..	..
Shenandoah.....	..	..	800 S	..	130 M	..	..	..	..	..	..
Wind Cave.....	..	300 M	.. I	130 S	..	..	350 M	..	..	435 M	..
Yellowstone.....	400 M	13,000 M	..	.. C	500 S	200 S	350 M	200 S	..	819 M	..
Yosemite.....	..	..	..	.. A	.. C	..	..	..	..	..	..
Zion.....	..	.. I	..	3,000 M	.. R	..	..	..	..	..	..

Estimate of population trend: L, less; M, more; S, same. Estimate of relative abundance: A, abundant; C, common; R, rare; I, infrequent (transient through area)

National Monuments, National Recreation Areas and Parkways

Moose: Glacier Bay 25; Katmai, common. Elk: Bandelier 6; Black Canyon 8; Blue Ridge 40; Colorado 20; Craters of the Moon, Coulee Dam, Dinosaur, Timpanogos Cave, and Walnut Canyon, infrequent; Great Sand Dunes 10; Mt. Rushmore 5. Black Bear: Bandelier 13; Black Canyon, Chiricahua, Colorado, Coronado, Devils Postpile and Great Sand Dunes, infrequent; Blue Ridge 72; Coulee Dam 60; Glacier Bay 400; Oregon Caves and Saguaro, rare. Grizzly Bear: Glacier Bay 150, Katmai, common. Pronghorn Antelope: Badlands 80; Chaco Canyon, rare; Craters of the Moon, Dinosaur, Grand Canyon and Walnut Canyon, infrequent; Great Sand Dunes 31; Lava Beds 5; Organ Pipe 25; T. Roosevelt 200. Bighorn Sheep: Black Canyon 10; Death Valley 750; Dinosaur 101; Glen Canyon, rare; Grand Canyon 50; Great Sand Dunes 25; Joshua Tree 150; Lake Mead, common; Organ Pipe 70; T. Roosevelt 21. Mountain Goat: Glacier Bay 1,200; Mt. Rushmore 11. American Bison: Colorado 17; T. Roosevelt 146. Peccary: Chiricahua and Saguaro, common; Coronado 10; Organ Pipe 125; Tonto 12; Walnut Canyon, infrequent. Deer: Both whitetail and mule (including blacktail) deer populations in the 40 reporting areas remain basically the same. Several areas located in western states report increased populations.

PART 5.--Estimates of Numbers on National Wildlife Refuges and on State Parks and Refuges, 1962

AREA	MOOSE	ELK	WHITE-TAILED DEER	MULE DEER	BLACK BEAR	GRIZZLY BEAR	PRONGHORN ANTELOPE	BIGHORN SHEEP	MOUNTAIN GOAT	AMERICAN BISON	PECCARY
National Wildlife Refuges 1/	7,212	11,238	64,257	22,077	1,006	..	13,024	2,895	141	1,986	615
State Parks and Refuges											
Arizona.....	400	..
California.....	..	32	..	..	..	..	..	..	..	..	..
Idaho.....	..	20	5	15	10	..	..	..	..	25	..
Illinois.....	115	..	..	..	..	..	..	..	..
Indiana.....	..	14	27	..	7	..	..	..	..	18	..
Iowa.....	5	..	..	..	..	..	..	..	..
Kansas.....	..	37	..	..	..	..	..	..	..	365	..
Minnesota.....	2/	..	..	..	..	..	..	..	..	8	..
Mississippi 3/....	2,000	..	..	..	..	..	..	..	..
Nebraska.....	..	14	17	16	..	..	..	..	..	37	..
New Hampshire.....	16	..	..	..	..	..	..	..	..
North Dakota.....	1,500	50	..	..	50	38	..	25	..
Oklahoma 3/.....	10,000	..	..	..	..	..	..	..	..
South Dakota 3/...	..	700	150	150	..	..	125	..	..	..	..
Utah.....	75,000	..	..	..	100	..	..	..
Washington.....	65+	..	..	..
West Virginia 3/..	5,000	..	..	..	..	..	..	..	..
Wyoming.....	..	20	2	6	4	2	15	25	4	1,500	..
Total - State Pks. and Refuges...	..	837	18,837	75,237	21	2	190	228	4	2,378	..

1/ Alaska - Kenai, 75 brown bear, 871 Dall sheep. Kodiak, 1,720 brown bear, 300 Sitka black-tailed deer, 950 reindeer. Florida - National Key Deer, 310 Key deer. Kentucky - Kentucky Woodlands, 850 fallow deer. Oklahoma - McAlester, 300 fallow deer. Virginia - Chincoteague, 500 Sika deer.

2/ Minnesota - calculated estimate of 6,000 moose on Red Lake Refuge and Superior National Forest included in Part 1.

3/ Wild turkey: Mississippi, 150; Oklahoma, 1,000; South Dakota, 50; West Virginia, 150+.